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SPARK PLUG WITH 360° FIRING TIP

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ABSTRACT OF THE INVENTION

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A novel spark plug with an outer annular electrode and an inner electrode includes a disk-shaped element supported atop the inner electrode. The gap between the outer electrode and the disk-shaped element of the inner electrode defines an annular firing zone within which the spark travels from the outer electrode to the inner electrode.

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The disk-shaped inner electrode is solid and planar, and overlies the outer electrode. The disk may be provided with a lip of hardened alloy material which extends in the direction of the outer electrode. The lip can have a rectangular cross-section or a triangular cross-section, and the gap between the inner and outer electrodes can be adjusted, either at the time of assembly or later.

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